Annual Index—Vol. XXVII, 1950

Subjects

A

Abstracts committee, appointment, 8-22
Accessories for Beckman spectrophotometer, 159
Acid value test for drying oils, 505
Acetaldehyde in soybean oil, 374
Acetone foots test for linseed oil, 545, 551
Acetone number test for drying oils, 505
Acetone winterization of cottonseed and peanut oils, 556
Adsorption analysis of lipids. IV. Fractionation of cholesterol and ergosterol, 161
Advertising committee, appointment, 8-22
  report, 7-30
Aldehydes from rancid corn and avocado oils, 238
Alkyd resins, styrenation while forming, 481
Alkyds, 187
Alkyl alpha-acyloxyacetates and propionates from soaps and alpha-halogeno esters, 510
Alkyl aryl sulfonate, mixtures of soap and, 304
American Oil Chemists' Society
  an Englishman's view of, 6-4
  value of, to fat and oil industry in India, 12-4
Animal tissues, cholesterol, phytosterol, and tocopherol, contents of, 414
Annual meeting call, 3-20
Annual review of literature on fats, oils, and soaps. I, 167; II, 211
Antioxidant
  properties of sesamol, 264
  in foods, 41
  in lard, 105
  in sesame oil, 377
  polyphosphates as synergistic, 48
Arachidonic acid
  alkali isomerization of, 329
  spectrophotometric analysis for, 190
Atlanta convention, 1950
  arrangements, 3-20
  deadline for papers, 2-18
  invitation to spring meeting, 1-18
  inspection of activities by first president, 6-24
  golf prizes, 6-29
  program of meeting, 4-22
  report, 6-29
  technical program at, 6-26
Authors, suggestions to, 1-24
Automotive gaskets, oils in, 538
Avocado oil, aldehydes from rancid, 238

B

Baking experiments with monoglycerides, 344
Beckman Spectrophotometer, model DU, 159
Bleaching methods committee, appointment, 8-22
Blowing drying oils, 472
Bodying
  of drying oils by heat, 468
  rates of oils, 492
  test for drying oils, 505
Book reviews
  Acetylene and Carbon Monoxide Chemistry, 3-29
  Advanced Organic Chemistry, 3-30, 12-20
  Agricultural Chemistry. I. Principles, 10-28
  Analytical Absorption Spectroscopy, 10-28
  Analytical Chemistry of Industrial Poisons, Hazards, and Solvents, 4-30
  A.S.T.M. Standards (1949), Including Tentatives, 11-26
  A.S.T.M. Standards on Paint, Varnish, Lacquer, and Related Products, 10-25
  A.S.T.M. Standards (1949). Part 5. Textiles, Soap, Fuels, Petroleum, Aromatic Hydrocarbons, and Water, 12-24
  Ätherische Öle, Riechstoffe, und Riechdrogen, 11-28
  Boron Trifluoride and Its Derivatives, 3-29
  Chemical Engineers' Handbook (3rd ed.), 10-25
  Chemistry of Perfumery Materials, 2-26
Book reviews cont.
  Chemistry of Plastics and High Polymers, 1-29
  Cottonseed Crushing Industry of Texas in Its Natural Setting, 1-28
  Data Book on Hydrocarbons, 12-20
  Encyclopedia of Chemical Reactions (Vol. III), 4-30
  Fats and Oils, FAO Commodity Series Bulletin 13, 3-29
  Frontiers in Colloid Chemistry, 4-30
  Givaudan Index, 4-30
  Glaselektrode und Ihre Anwendungen, Die, 10-30
  Heterocyclic Compounds, 12-21
  Index of Nomograms, An, 10-30
  Industrial Chemicals, 11-28
  Meat and Meat Products, 2-28
  Motor Oils and Engine Lubrication, 11-26
  Oils, Fats, and Fatty Foods, 12-22
  Olive Culture and Technology of the Olive Oil Industry, 3-30
  Organic Chemistry, 10-27
  Organic Reactions (Vol. V), 3-30
  Organic Syntheses (Vol. XXVIV), 3-29
  Outline of Biochemistry, 1-28
  Patent Practice and Management for Investors and Executives, 10-26
  Petroleum Chemicals Industry, 11-20
  Principles and Practice in Organic Chemistry, 4-31
  Principles of Ionic Organic Reactions, 10-30
  Proceedings of the First International Sesame Conference, 7-26
  Properties of Asphaltic Bitumen, 12-21
  Reagents for Qualitative Analysis, 2-27
  Soaps and Detergents, 2-26
  Strength of Plastics and Glass, The. A Study of Time-Sensitive Materials, 4-30
  Structure of Molecules and the Chemical Bond, 11-26
  Synthetic Perfumes, Their Chemistry and Technology, 2-26
  Technique of Organic Chemistry (Vol. III) 10-25
Borax, determination in soap, 45
Brake linings, oils in, 538
Break test for drying oils, 505
Brewers' grains, oils from, 133

C

Candidates for office, 1950-51, 3-18
Carbonates, analysis for, in soaps and synthetic detergents, 321
CARE, the sending of books abroad, 4-34
Carotene, countercurrent distribution studies, 387
Cashew nutshell oil in paints, 513
Castor oil
  dehydrated, 492
  dehydrated, in varnishes, 253
  dehydrated, I. V. of, 130
  dehydration of, 477
  in paints, 513
Caulking compounds, 538
Cellulose yield committee
  appointment, 7-21
  report of, 210
Chemicals from drying oils, 538
Chemist and the cottonseed industry, 5-22
Chemistry of drying oils, 440
Chia oil in paints, 513
Chinese tallow tree, utilization of seed of, 84
Chlorophyll, separation of alpha and beta by countercurrent distribution studies, 386
Cholesterol and ergosterol, fractionation of, 161
Cholesterol in foods and animal tissues, 414
Chromatographic removal of oxidized acids, 1
Chromatography, determination of neutral oil by, 263
Chromatography, separation of cholesterol and ergosterol by, 161
Cold test, modification of, 556
Colorimetric method for water and soluble silicates in detergents, 348
Color of cottonseed oil, effect of drying on, 394
Color method adopted, 8-25
Color, notes on determination of photometric, 570
Color standards, subcommittee and FAC, 10
Color test for drying oils, 505
Committees
  appointments, 2-18, 7-21, 8-22
  appointments to Inter-Society Color Council, 10-24
  advertising, 7-30
  cellulose yield, 210
  analysis of commercial fats and oils, 10
  glycerine analysis, 412
  gossypol, 303
  Journal, 6-38
  literature review, 167, 211
  membership, 7-29
  nominating and election, 3-18
  oil color, 233
  refining, 236
  seed and meal analysis, 21, 237
  Smalley Foundation, 257, 8-4, 7-21, 7-23
  vitamin, 235
  uniform methods, 350
  your technical, 9-4
Compatibility of 9,10-dihydroxystearic acid and 9,10-dihydroxyoctadecanol with commercial polymers, 281
Conjugated double bond systems, true iodine numbers of oils containing, 130
Conjugation of double bonds, 492
Consistency of fats, comparative determination of, 80
Convention manual committee appointments, 7-23
Core oils, 538
Corn oil
  aldehydes from rancid, 238
  in paints, 513
  phosphatides, 352
Cotton
  detergency test, 96, 153
  fiber and seed, conference on, 5-26
Cottonseed
  chemist and the industry, 5-22
  cost of processing, 10-38
  extraction of, 4-26
  germination of, 347
  gossypol pigments in, 390
  pigment glands, 300, 336
  pilot plant fractionation of, 336, 383
Cottonseed oil
  in paints, 513
  isopropanol as extractant, 273
  monoglycerides, 310
  solvent mixtures, 552
  refining of, 260
  winterization, 556
Countercurrent distribution studies on pigments, 386
Craig apparatus, separation of plant pigments with, 386
Crude oils, refining of, 260
Crude vegetable oils, Smalley report, 258
Cottonseed pigment glands, 300, 336
Cottonseed, pilot plant fractionation of, 336, 383
Cyclopentadiene, copolymerization with drying oils, 481

D

Decadienal in soybean oil, 374
Decolorization of tallow, 75
Dehydration of castor oil, 477
Density of cottonseed oil, 552
Deodorizer, laboratory, for fats and oils, 422
Detergents
  analysis for carbonates in synthetic, 321
  analysis for silicates in, 348
  comparison of two methods for testing, 113
  evaluation, 96
  film drainage, 268
  mixtures of soap and synthetic, 304
  principles of testing, 249
  production and standardization of soil for, 135
  soil removal by, 62
  standard soil for testing, 135

Detergents
synthetic, in the soap industry, 88
tall oil soaps as, 289
test for, 153, 564
test method, choice and application of, 96
Dihydroxyoctadecanol, compatibility of, with commercial polymers, 281
Diene value test for drying oils, 505
Diglycerides, unsaturated diacid, 91
Dihydroxystearic acid, compatibility of, with commercial polymers, 281
Dilatometric and thermal properties of stearic acid, 143
Di-n-propylketone in hydrogenated soybean oil, 367
Drawing compounds, 538
Driers, 500, 523
Drying flaked prime cottonseed on color of oil and meal properties, effect of, 394
Drying oil
alkyds, 510
analytical test for, 505
blowing of, 472
chemistry of, 440
copolymerization with, 481
dehydrated castor oil as, 477
driers for, 500
economic aspects of, 436
fractionation of, 462
gourd oil as, 571
heat bodying of, 468
in floor coverings, 530
in oleoresinous varnishes, 523
in printing inks, 534
isomerization and transesterification of, 492
miscellaneous uses of, 538
present and future of, 436
pressing of, 446
refining of, 455
safflower oil as, 82
Smalley report on, 259
solvent extraction of, 451
subcommittee on analysis of, 10
vegetable oils as, 513
Drying oil short course, 1-21, 2-20, 3-21, 4-25, 5-20, 6-23, 7-29, 8-21, 9-16, 433
Drying time test for drying oils, 505
Dues increase, 4-28, 6-39

E

Economic aspects of drying oils, 436
Economic situation of fats and oils, world, 401
Education committee appointments, 8-22
Englishman's view of the A.O.C.S., 6-4
Entropy of stearic acid, 143
Ergosterol, separation from cholesterol, 161
Esterification of tall oil, 361
Ether, solutions of cottonseed oil in, 552
Extraction
and evaluation of oil from dried brewers' grains, 133
effect of particle size on rate, 93
fractionation of cottonseed by, 383
isopropanol as solvent for cottonseed oil, 273
of cottonseed, 4-26
of cottonseed by differential settling, 336
of drying oils, 451
of oil from fish livers, 409
theory of solvent, 51
Exsolex process, 4-26

F

Fat analysis committee, appointment, 8-22
Fats and oils
laboratory deodorizer for, 422
report of the committee on analysis of commercial, 1-10
world economic situation, 401
Fats
comparative determination of consistency of, 80
oils and soaps, annual review of literature on, 167, 211
spectrophotometric analysis of, 190
Fatty acids
alkali isomerization of, 329
fractionation of, 462
free, in seed stock lots of cottonseed, 347
in tall oil soaps, 289
nomographs for calculating compositions, 206
Fette und Seifen resumes publication, 4-35
Fibre boards, oils in, 538
Film drainage, 268
Fish oil
in paints, 513
in varnishes, 523
liver extraction, 409
Flash point
subcommittee on determination of, 10
test for drying oils, 505
Flavor reversion
in hydrogenated soybean oil, 367
in soybean oil, 374
Floor coverings, 530
Foods
added chemicals in, 41
cholesterol, phytosterol, and tocopherol contents of, 414
Foots test for drying oils, 505
Fractionation
and structure of soybean glycerides, 25
of cholesterol and ergosterol, 161
of cottonseed, cost study of, 383
of drying oils, 462
Furfural-fractionated soybean oil, 314

G

Germination of cottonseed, 347
German research in fats, 11-4
Glazing compounds, 538
Glyceride composition of soybean oil, 25
Glycerides, polymorphism of saturated even, 276
Glycerine analysis committee, 7-12, 412
Glycerol
determination in fats and oils, 54
distribution in soap boiling operations, 44
Glycolates, alkyl, fatty acid esters of, 187
Gossypol
committee report, 303
in pigment glands, 300
pigments in cottonseed materials, 390
toxicity of, 300
Gossypurpurin in pigment glands, 300
Gourds, utilization of seeds of, 571
Governing Board, 6-34, 11-19

H

Heat
bodying of drying oils, 468
contents of peanut oils, 423
of fusion of stearic acid, 143
of fusion of peanut oils, 423
Hempseed oil, in paints, 513
2-Heptenal in hydrogenated soybean oil, 367
Hexabromostearic acid, 9
Honorary members, 10-4
Hydrogenated peanut oil, 423
Hydrogenation
of okraseed oils, 295
of sesame oil, 31
Hydroxyl value test for drying oils, 505

I

India
Oil Technological Institute, 4-32
value of A.O.C.S. to fat and oil industry in, 12-4
Industry, a look to the future, 3-4
Infrared
spectrophotometric determination of trans octadecenoic acids and esters, 17
application of, 60
Insecticides, oils in, 538
Institute of Oil Seed Technology, 7-24
Iodine numbers
and thiocyanogen value, nomographs for using, 206
improved method for, 127
of oils containing conjugated double bonds, 130
test for drying oils, 505
Isomerization
of drying oils, 492
of linoleic, linolenic, and arachidonic acids, kinetics of alkali, 329
Isopropanol as a solvent for extraction of cottonseed oil, 273

J

Journal committee, 6-38, 7-21
Journal, a look to the future, 1-4

K

Kinetics of alkali isomerization of linoleic, linolenic, and arachidonic acids, 329

L

Laboratory deodorizer for fats and oils, 422
Lactates, alkyl, fatty acid esters, 187
Lard, metal deactivation in, 105
Launderometer test methods, 564
Laundry detergents, performance testing of, 249
Leather treating oils, 538
Lecithin, subcommittee on analysis of, 10
Lespedeza seed oil, 34
Linoleic, tetrabromides of, 9
Linolenic acid
alkali isomerization of, 329
hexabromide of, 9
spectrophotometric analysis for, 190
Linseed oil
acetone foots test, 545, 551
alkyds using, 513
in floor coverings, 530
in paints, 513
in printing inks, 534
in varnishes, 523
Literature review committee, appointment, 8-22
Lubricants, tool, 538

M

Maleic dialdehyde in hydrogenated soybean oil, 367
Manuscripts, preparation of, 1-24
Margarine, recent trends, 10-36
Markley, K. S., award to, 7-26
Meal
cottonseed, 394
cost of fractionating cottonseed, 383
differential settling process for preparation of cottonseed, 336
gossypol pigment in cottonseed, 390
of perennial gourds, 571
okraseed, 295
Smalley subcommittee report on oilseed, 257
Meal analysis committee, report of the seed and, 21, 237
Mechanical extraction of drying oils, 447
Medicinal oils, 538
Meeting location (1952) committee appointment, 8-22
Melting point behavior of mixture of bromides of linoleic and linolenic acids, 9
Melting points of saturated even glycerides, 276
Members, 5-4, 11-19
Membership committee, 7-21, 7-29
Metal deactivation in lard, 105
Methyl pentane solutions of cottonseed oil, 552
Microfilm service, 4-34
Molecularly distilled monoglycerides
cake baking with, 344
preparation and properties of, 310
Monoglycerides
cake baking with molecularly distilled, 344
determination of, in fats and oils, 54, 100
polymorphism of, 276
preparation and properties of molecularly distilled, 310
purification of technical, 117
Morrison, H. J., obituary, 12-18

N

NCPA technical committee, 2-28
Nominating and election committee, appointment, 7-21
Nomographs for calculating fatty acid compositions, 206
Nonsaponifiable material, effect on spectrophotometric analyses, 190
New Orleans 1951 meeting, chairmen named, 12-18

O

Octadecenoic acids and esters, 17
Officers for 1950-51, 5-18
Oil
avocado, aldehydes from rancid, 238
cashew nutshell, in paints, 513
castor
dehydration of, 477
in paints, 513
chia, in paints, 513
chlorinated soybean, 102
color committee, 233, 7-21
color, notes on determination of, 570

Oil
  corn
    in paints, 513
    aldehydes from rancid, 238
    phosphatides, 352
  cottonseed, 394
    in paints, 513
    isopropanol as extractant for, 273
    refining of, 260
    solvent mixture of, 552
    winterization of, 556
  dehydrated castor in varnishes, 523
  fish
    in paints, 513
    in varnishes, 523
  fish liver extraction of, 409
  from dried brewers' grains, 133
  gourd, 571
  hempseed, in paints, 513
  oiticica
    in paints, 513
    in varnishes, 523
    iodine value of, 130
  okraseed, 295
  Lespedeza seed, 34
  linseed
    acetone foots test for, 545, 551
    in floor coverings, 530
    in paints, 513
    in printing inks, 534
    in varnishes, 523
  Merchants' Chamber, 5-28
  peanut, 423
    winterization of, 556
  perilla
    in paints, 513
    in printing inks, 534
    in varnishes, 523
  poppyseed, in paints, 513
  ravison, in paints, 513
  rice bran, 14
  safflower, 82, 513
  sesame, 1-31, 184, 264, 377
    determination of sesamol in, 307
    in paints, 513
  snake, 393
  soybean, 25
    furfural-fractionated, 314
    in floor coverings, 530
    in paints, 513
    in printing inks, 534
    in varnishes, 523
    refining of, 260
  stillingia, 84; in paints, 513
  sugar cane, 57
  tall
    in paints, 513
    in soaps, 73, 289
  tung
    in paints, 513
    in printing inks, 534
    in varnishes, 523
  walnut, in paints, 513
Oils and fats, nomographs for calculating compositions of, 206
Oils
  crude vegetable, Smalley report, 258
  determining the refining efficiency of crude, 260
  reactions of tertiary butyl hypochlorite with soybean, 102
  refining with liquid propane, 11
  synthetic drying, 534, in paints, 513
Oilseed meal, Smalley report, 257
Oil seeds, Smalley report, 258
Oiticica oil, in paints, 513; in varnishes, 523
Okraseed oil, 295
Oleoresinous varnishes, 523
Oxidation method for saturated fatty acids, 1

P

Paint tests, 571
Paints, vegetable oil, 513
Palm oil substitutes for hot dip tinning, 122
Palmitic acid, simplified methods for determining composition of commercial, 201
Paquin (Felix) Foundation, 6-25, 6-34
Past Presidents' dinner (1950), 6-25, 6-31
Peanut oil
  thermal properties of, 423
  winterization of, 556
Peanuts, tannin and related pigments in testa of, 317
Perilla oil, in paints, 513; in printing inks, 534; in varnishes, 523
Periodic acid method for determination of monoglycerides and free glycerol, 54
Periodate oxidation method, limitations of, 100
Phosphatides, soybean and corn, 352
Phytosterol in foods and animal tissues, 414
Pigment glands, preparation of, 336
Pigments, fat soluble plant, 386
Piskur, M. M., resignation as abstracts editor, 2-22
Polymorphism
  of saturated oven glycerides, 276
  of stearic acid, 143
Polyphosphates as synergistic antioxidants, 48
Poppyseed oil, in paints, 513
Presidential report, 1950, 6-36
Principles of performance testing of laundry detergents, 249
Printing inks, drying oils in, 530
Production and standardization of detergent soil, 135
Propane
  decolorization of tallow, 75
  refining fatty oils with liquid, 11
Proteins, vegetable, 571
Putties, 538

R

Ravison oil, in paints, 513
Referee board report, 237
Referee chemists, 1950-51, 7-24
Refining committee, 236, 7-21
Refining
  efficiency, 260
  fatty oils with liquid propane, 11
  of drying oils, 455
Regional oil chemists, formation of group, 4-32
Regulations on margarine sales, 10-36
Research in fats, German, 11-4
Resin acids in tall oil soaps, 289
Resins in varnishes, 523
Reversion compounds
  in hydrogenated soybean oil, 367
  in soybean oil, 374
Reversion of furfural-fractionated soybean oil, 314
Rice bran oil, stability and processing characteristics of, 14
Rosenmund-Kuhnehenn iodine number test, modification of, 137
Rust-proofing agents, 538

S

Safflower oil, 82
  in paints, 513
San Francisco meeting (1950), 3-24, 6-22, 7-4, 7-18, 8-18, 9-14, 11-18, 11-20, 12-27
Saponification value test for drying oils, 505
Saturated fatty acids, a new oxidation method for determination of, 1
Seed and meal analysis committee, 237, 7-21
Sesame oil
  free and bound sesamol in, 307
  hydrogenation of, 184
  in paints, 513
  processing of, 184
  properties, of solvent extracted, 31
  stability of, 377
  II. some chemical and physical properties from different varieties of seed, 184
  III. antioxidant properties of sesamol, 264
Sesamol
  antioxidant properties, 264
  in sesame oil, 307, 377
Short course on drying oils, complete lectures of, 433
Silicates, analysis for, 348
Smalley Foundation committee, 7-21, 7-23, 8-4, 257
Snake oils, physical and chemical properties of, 393
Soap analysis committee appointment, 7-22
Soap
  borax in, 45
  glycerol distribution in boiling, 44
  industry, synthetic detergents in, 88
  mixtures with an alkyl aryl sulfonate, 304
  tall oil, 73, 289
Soaps
  alkyl alpha-acyloxyacetates and propionates from, 187
  analysis for carbonates in, 321
  as driers, 500
Soapstock analysis committee appointment, 8-22
Society, American Oil Chemists', a look to the future, 2-4
Soil
  bonding to textiles, 62
  detergent, 135
  for testing detergents, 564
  nature of, 62
  removal from fabrics, 62
Solubility of cottonseed oil
  in acetone-water, 273
  in isopropanol-water, 273
Solvent-extracted
  and hydraulic-pressed okrasseed oils, 295
  sesame oil, 31
Solvent extraction
  effect of particle size on rate, 93
  of drying oils, 451
  soaking theory, 51
Solvent mixtures of cottonseed oil, 552
Soybean glycerides, fractionation and structure of, 25
Soybean oil
  chlorinated, 492
  chlorination of, 102
  furfural-fractionated, 314
  in floor coverings, 530
  interesterification of, 492
  in paints, 513
  in printing inks, 534
  in varnishes, 523
  isolation of reversion compounds in, 367
  monoglycerides of, 310
  phosphatides of, 352
  vapor pressure of hexane solutions of, 381
Soybean processors, meeting of, 2-20
Specific gravity test for drying oils, 505
Specific heat
  of stearic acid, 143
  of peanut oils, 423
Spectrophotometer, accessories for Beckman, 159
Spectrophotometric analysis
  of drying oils, 505
  of fats, factors involved in, 190
Spectrophotometric investigations of peanut pigments, 317
Spectroscopy committee, appointment, 8-22
Stamping compounds, 538
Stearic acid
  polymorphism of, 143
  simplified methods for determining compositions of commercial, 201
Sugar cane oil, chemical examination of, 57
Sunflower oil, in paints, 513
Survey committee, appointment, 8-22

T

Tall oil
  in paints, 513
  polyhydric esters, 361
  selective esterification 361
  soap solutions, 73
  soaps, 289
Tallow and grease, Smalley report, 259
Tallow, decolorization of, 75
Tannin in peanut testa, 317
Technical committees, your, 9-4
Terg-o-Tometer, 564
Tertiary butyl hypochlorite, reactions with vegetable oils, 102
Tetrabromostearic acid, 9
Tetrachloroethylene solutions of cottonseed oil, 552
Thermal properties of peanut oils, 423
Thinners in varnishes, 523
Thiocyanogen value, subcommittee on determination of, 10
Tinning, palm oil substitutes for hot dip, 122
Tinning oils, tests for, 122
Tin plating oil, 538
Titer method of analysis of commercial stearic and palmitic acid, 201
Tocopherols in foods and animal tissues, 144
Toxicity
  of cottonseed pigments, 300
  of gossypol, 300
Transesterification of drying oils, 492
Treasurer's report (1949), 6-38
Trichloroethylene solutions of cottonseed oil, 552
Tung fruit
  and meal, subcommittee on analysis, 21
  comparison of whole fruit and component methods of analysis of, 164
Tung nuts, analysis of, 164
Tung oil
  composition of, 492

Tung oil
I. V. of, 130
in paints, 513
in printing inks, 534
in varnishes, 523

U

Uniform methods committee, 8-22, 350
Unsaponifiable matter test for drying oils, 505

V

Vapor pressure of hexane-soybean oil solutions, 381
Varnish, 571
Varnishes
insulating, 538
oleoresinous, 523
Vegetable oil
monoglycerides, 117
paints, 513
Vio-Bin, announcement of patents, 5-28
Viscometer, ARF dip, 126
Viscosity evaluation for drying oils, 505
Vitamin committee, 235, 8-22
Vitamin oils, 538
Volatile matter test for drying oils, 505

W

Walnut oil, in paints, 513
Wash tests, 153
machine, 135
methods, 564
Wax, sugar cane, 57
Westward ho (San Francisco), 7-4
Winterization of cottonseed and peanut oils, 556
Wood treatment, oils in, 538
World economic situation of fats and oils, 401

X

X-ray diffraction
analysis of diglycerides, 91
patterns of stearic acid, 143

(Numbering system: page number only for technical article, issue and page number for news article, editorial, or book review.)

Author Index

A

Ainslie, E. C., 4-4
Ainslie, Ruth, 6-32
Andraos, Victor, 31
Artz, N. E., 10-26

B

Bailey, A. E., 10-25
Baldwin, A. R., 1-4; 1-28; 4-30; 10-28
Barker, G. E., 113
Bates, R. W., 8-4
Bell, E. W., 102
Benedict, J. H., 91
Benham, G. H., 127, 130
Bergman, C. A., 88
Bernstein, I. M., 534
Bernstein, Rubin, 45
Binkerd, E. F., 2-26, 60, 4-30, 6-26
Bolley, D. S., 84, 571
Borghetty, H. C., 88
Brandt, Karl, 401
Brasch, J. F., 133
Brekke, J., 238
Brekke, O. L., 25
Brown, E. L., 135
Budowski, Pierre, 184, 264, 307, 377

C

Cagle, A. W., 34
Carrick, L. L., 513
Castillon, Leah E., 300
Clark, W. C., 201
Coats, H. B., 51, 93
Cooney, P. M., 314
Cowan, J. C., 3-29, 492, 12-20
Curtis, L. C., 571

D

Daubert, B. F., 91, 100, 4-30, 367, 374
DeNavarre, M. G., 2-26
Dole, Malcolm, 10-30
Dollear, F. G., 14, 31, 143, 184, 206, 295, 377
Dunlap, L. H., 361
Dunning, J. W., 446
Dutton, H. J., 25, 161, 352, 386

E

Eagle, Edward, 300
Evans, C. D., 314

F

Ference, G. G., 122
Feuge, R. O., 117
Fidaleo, Faryse, 80
Field, E. T., 307, 317
Fitelson, J., 1
Flett, L. H., 304
Fore, Sara P., 14
Formica, S. D., 3-30
Fuller, D. L., 3-29

G

Gastrock, E. A., 336
Gibbs, P., 133
Gloyer, S. W., 462
Govan, W. J., 44
Graham, C. F., 12-24
Griesinger, W. K., 96
Gros, Audrey T., 117
Guthrie, J. D., 317
Gutkin, S. S., 538

H

Hafeli, J., 523
Haftel, Martin, 45
Hall, C. M., 300
Handschumaker, E., 260
Harris, J. C., 135
Harris, W. D., 273
Hartman, L., 409
Hartough, H. B., 12-21
Harwood, H. J., 60
Hassel, L. V., 361
Hassler, J. W., 26
Hayward, J. W., 273
Heether, M. R., 17
Hengeveld, Betty, 57
Herb, S. F., 329
Hicks, Martha, 347
Hilditch, T. P., 6-4
Hoffpauir, C. L., 347, 390
Holmes, R. L., 164
Hovey, A. G., 481
Hoyt, L. F., 304
Hurd, C. D., 10-30
Hussain, S. A., 206, 295
Hutchins, R. P., 12-20

I

Ihde, A. J., 2-27

J

Jackson, F. L., 4-31, 10-25
Jaeger, K. L., 336
James, E. M., 9-4
Johnson, W. R., 122

K

Kantor, Max, 455
Kaufmann, H. P., 11-4
Kawahara, F. K., 161
Kern, C. R., 113
Kinney, L. C., 122
Kip, M. L., 105
Klebsattel, C. A., 500
Klee, Leo, 127, 130
Knight, H. B., 17, 281
Koester, W. H., 321
Konen, J. C., 10-25, 505
Koos, R. E., 281
Kovarik, F. J., 310
Kuhrt, N. H., 310, 344
Kummerow, F. A., 3-30, 100, 11-26

L

Laborde, E. J., 336
Lambert, J. M., 153
Lancaster, C. R., 25, 386
Lancaster, E. B., 386
Lange, Willy, 414
Latham, J. W., 336
Lee, A. P., 2-26
Lindsay, J. D., 1-28
Linteris, L., 260
Lips, H. J., 422
Loane, C. M., 11-26
Lundberg, W. O., 433, 11-20
Lutton, E. S., 276

M

Mackinney, G., 238
MacLaren, F. H., 12-21
Markley, K. S., 7-26
Matt, J. Z., 3-29
Mattikow, Morris, 11
Mays, J. R. Jr., 5-4
McClain, H. K., 4-30
McCormack, R. H., 84, 571
McCourtney, E. J., 394
McGuine, T. H., 159
McGuire, T. A., 352
McKinney, R. S., 164
McLaughlin, J. J., 390
Maxwell, Jane L., 361
Mehlenbacher, V. C., 2-4, 6-36, 54, 12-24
Meneges, F. G. T., 184, 377
Miles, F. D., 268
Miller, Charlotte Boatner, 300
Miller, W. J., 348
Milner, R. T., 10-4
Moore, C. G., 75, 510
Morgan, O. M., 304
Morris, C. E., 3-4
Morris, S. G., 105
Moser, Helen A., 314
Moss, W. E., 159
Murti, K. S., 12-4
Myers, J. S. Jr., 105

N

Nevison, J. A., 96
Nichols, P. L. Jr., 329
Nolte, J. M., 433

O

O'Connor, R. T., 307, 390
O'Hare, G. A., 530

P

Pack, F. C., 164
Parkin, F. P., 451
Parks, J. M., 122
Paschke, R. F., 9
Persell, R. M., 336, 383
Peters, R. M., 201
Piskur, M. M., 2-28, 11-28
Poe, S. E., 437
Pohle, W. D., 54
Pollard, C. B., 336, 383, 390
Pons, W. A. Jr., 390
Potter, G. C., 190
Powers, W. O., 1-29, 468

R

Reich, Irving, 2-26, 73, 289
Reiners, R. A., 9-16
Rettger, T. L., 5-22
Reuther, C. G., 336, 383
Richardson, Marna H., 11-18
Riemenschneider, R. W., 105, 329
Ross, John, 268

S

Sanders, H. L., 153
Schlenker, Ernest, 80
Schepartz, A. I., 367
Scholfield, C. R., 352
Schuck, N. M., 321
Schwab, A. W., 314
Shedlovsky, L., 268
Shreve, O. D., 17
Sidhu, S. S., 91
Siefker, J. A., 133
Singleton, W. S., 143, 423
Smith, A. S., 381
Snell, Cornelia T., 62
Snell, Foster D., 62, 73, 289
Sorensen, S. O., 436
Spadaro, J. J., 336, 394
Spannuth, H. T., 6-26
Stansbury, M. F., 317
Stapf, R. J., 374
Stawitzke, Anna A., 187
Stillman, R. C., 10-28, 570
Stirton, A. J., 187
Sutter, H. R., 249
Swern, Daniel, 17
Swift, C. E., 14, 31

T

Taliant, J. D., 10-30
Taylor, W. L., 472
Teeter, H. M., 102
Terrill, R. L., 477
Thomas, A. W., 4-30

V

Vaughn, T. H., 249
Vix, H. L. E., 336, 383, 394

W

Ward, T. L., 143, 423
Watts, Betty M., 48
Wechter, F. J., 381
Weil, J. K., 187
Weiss, J. W., 11-28
Weitkamp, A. W., 11-28
Welch, Eileen A., 310, 344
Wheeler, D. H., 9, 440
White, W. B., 41
Whyte, D. E., 57
Wiles, L. U., 347
Wiley, R. H., 34
Wingard, M. R., 93
Winter, G., 82
Wolfram, M. L., 10-27